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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 Of 3		Application Number	10/780,422
		Filing Date	February 17, 2004
		First Named Inventor	Robert H. Burgener, II
		Group Art Unit	2879
		Examiner Name	
		Attorney Docket Number	3398.2.6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ac	01	KOUYATE, D., RONFARD-HARET, J.-C., and KOSSANYI, J.; Photo- and electro-luminescence of rare earth-doped semiconducting zinc oxide electrodes: Emission from both the dopant and the support; Journal of Luminescence; 1991; pp. 205-210; Vol. 50; Elsevier Science Publishers B.V.	
ac	02	KOSSANYI, J., KOUYATE, D., POULIQUEN, J., RONFARD-HARET, J.C., VALAT, P., et al.; Photoluminescence of Semiconducting Zinc Oxide Containing Rare Earth Ions as Impurities; Journal of Luminescence; 1990; pp. 17-24; Vol. 46; Elsevier Science Publishers B.V. (north-Holland).	
ac	03	BHUSHAN, S., PANDEY, A.N., and KAZA, B.R.; Photo- and Electroluminescence of Undoped and Rare Earth Doped ZnO Electroluminsors; Journal of Luminescence; 1979; pp. 29-38; Vol. 20; North-Holland Publishing Company.	
ac	04	JADWISIENCZAK, W.M., LOZYKOWSKI, H.J., XU, A., and PATEL, B.; Visible Emission from ZnO Doped with Rare-Earth Ions; Journal of Electronic Materials, 2002; pp. 776-784; Vol 31.	
ac	05	WANG, Y.G., LAU, S.P., LEE, H.W., YU, S.F., TAY, B.K., et al.; Photoluminescence study of ZnO films prepared by thermal oxidation of Zn metallic films in air; Journal of Applied Physics; 07/01/2003; pp. 354-358; Vol 94, No.1; American Institute of Physics.	
ac	06	XIONG, G., WILKINSON, J., LYLES, J., UCER, K.B., and WILLIAMS, R.T.; Luminescence and stimulated emission in zinc oxide nanoparticles, films, and crystals.	
ac	07	AGNE, T., GUAN, Z., LI, X.M., WOLF, H., and WICHERT, T.; Incorporation of the Donor Indium in Nanocrystalline ZnO; phys. stat. sol.; 2002; pp. 819-823; Vol. 229; WILEY-VCH Verlag Berlin GmbH; Berlin.	
ac	08	RONFARD-HARET, J.C., KOSSANYI, J., and PASTOL, J.L.; Electroluminescence of the Er ³⁺ ion and the electric conduction in polycrystalline ZnO:Mn,Bi,Er sintered pellets; Journal of Physics and Chemistry of Solids; 2001; pp. 565-578; Vol. 62; Elsevier Science Ltd.	
ac	09	MAGNE, S., OUERDANE, Y., DRUETTA, M., GOURE, J.P., FERDINAND, P., et al.; Cooperative luminescence in an ytterbium-doped silica fibre; Optics Communications; 10/01/1994; pp. 310-316; Elsevier Science B.V.	
ac	010	WEGH, R.T., and MEIJERINK, A.; Cooperative luminescence of ytterbium(III) in La ₂ O ₃ ; Chemical Physics Letters; 12/01/1995; pp. 495-498; Vol. 246; Elsevier Science B.V.	
ac	011	BURSHTEIN, Z., KALISKY, Y., LEVY, S.Z., LE BOULANGER, P., ROTMAN; Impurity Local Phonon Nonradiative Quenching of Yb ³⁺ Fluorescence in Ytterbium-Doped Silicate Glasses; IEEE Journal of Quantum Electronics; 08/08/2000; pp. 1000-1007; Vol. 36, No. 8; IEEE.	
ac	012	BACHIR, S., KOSSANYI, J., SANDOULY, C., VALAT, P., and RONFARD-HARET, J.C.; Electroluminescence of Dy ³⁺ and Sm ³⁺ ions in Polycrystalline Semiconducting Zinc Oxide; J. Phys. Chem; 1995; pp. 5674-5679; Vol. 99; American Chemical Society.	
ac	013	BACHIR, S., KOSSANYI, J., and RONFARD-HARET, J.C.; Electroluminescence of Ho ³⁺ ions in a ZnO Varistor-Type Structure; Solid State Communications; 1993; pp. 859-863; Vol. 89, No. 10; Elsevier Science Ltd.; Great Britain.	
ac	014	BACHIR, S., SANDOULY, C., KOSSANYI, J., and RONFARD-HARET, J.C.; Rare Earth-Doped Polycrystalline Zinc Oxide Electroluminescent Ceramics; J. Phys. Chem. Solids; 1996; pp. 1869-1879; Vol. 57, NO. 12; Elsevier Science Ltd.; Great Britain.	
Examiner Signature	Date Considered		
	14 February 2006		

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Sheet	2	Of	3

a	O15	RONFARD-HARET, J.C., and KOSSANYI, J.; Electro- and photoluminescence of the Tm ³⁺ ion in Tm ³⁺ - and Li ⁺ -doped ZnO ceramics: Influence of the sintering temperature; Chemical Physics; 1999; pp. 339-349; Vol. 241; Elsevier Science B.V.	
a	O16	KEIR, P.D., MADDIX, C., NAUKOL, B.A., WAGER, J.F., CLARK, B.L., et al.; Lanthanide doping in ZnS and SrS thin-film electroluminescent devices; Journal of Applied Physics; 12/15/1999; pp. 6810-6815; Vol. 86, No. 12; American Institute of Physics.	
a	O17	FENG, X., QI, C., LIN, F., and HU, H.; Spectroscopic Properties and Laser Performance Assessment of Yb ³⁺ in Borophosphate Glasses; J. Am. Ceramics Soc.; 1999; pp. 3471-3475; Vol. 82.	
a	O18	TAKEBE, H., MURATA, T., and MORINAGA, K.; Compositional Dependence of Absorption and Fluorescence of Yb ³⁺ in Oxide Glasses; J. Am. Ceramics Soc.; 03/1996; pp. 681-686; Vol. 79, No. 3.	
a	O19	MAENO, T., and MORISAKI, S.; Electroluminescence from Barrier-Type Anodic Oxide Alumina Films Doped with Rare-Earth and Transition Metals by Ion-Implantation; Japanese Journal of Applied Physics; 2000; pp. 6296-6300; Vol. 39; The Japan Society of Applied Physics.	
a	O20	WU, X., DENIS, J.P., OZEN, G., GOLDNER, P., and PELLE, F.; The Blue Up-Conversion Luminescence of Er ³⁺ Ions in Vitroceramics Doped with Yb ³⁺ Under Infrared Excitation; Solid State Communications; 1993; pp. 351-354; Vol. 85, No. 4; Pergamon Press Ltd.; Great Britain.	
a	O21	HEHLEN, M.P., COCKROFT, N.J., and GOSNELL, T.R.; Spectroscopic properties of ER ³⁺ - and Yb ³⁺ -doped soda-lime silicate and aluminosilicate glasses; Physical Review B; 10/15/1997; pp. 9302-9318; Vol. 56, No. 15; The American Physical Society.	
a	O22	MINAMI, T., KOBAYASHI, Y., MIYATA, T., and SUZUKI, S.; High-Luminance Thin-Film Electroluminescent Devices Using ((Y ₂ O ₃) _{0.6} -(GeO ₂) _{0.4})Mn Phosphors; Japanese Journal of Applied Physics; 2002; pp. L577-L579; Vol. 41; The Japan Society of Applied Physics.	
a	O23	CISSE, L., TEYSSERE, G., and MARY, D.; Influence of Frequency, Electrode Material and Superimposed dc on ac Electroluminescence in Polymer Films; IEEE Transactions on Dielectrics and Electrical Insulation; 02/2002; pp. 124-129; Vol. 9, No. 1; IEEE.	
a	O24	DAS, S., CHOWDHURY, A., and PAL, A.J.; Alternating-Current and Direct-Current Responses of Light-Emitting Devices Based on Decacyclene Langmuir-Blodgett Films; phys. stat. sol.; 2001; pp. 383-389; Vol. 185, No. 2.	
a	O25	ROY, S., and PAL, A.J.; A Study of Organic Light-Emitting Devices Based on Electrostatic Self-Assembled Films of Evansd Blue under AC Voltage; phys. stat. sol.; 2002; pp. 367-376; Vol. 193, No. 2; WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim.	
a	O26	ALLIERI, B., PERUZZI, S., ANTONINI, L., SPEGHIHI, A., BETTINELLI, M., et al.; Spectroscopic characterization of alternate current electroluminescent devices based on ZnS-Cu; Journal of Alloys and Compounds; 2002; pp. 79-81; Vol. 341; Elsevier Science B.V.	
a	O27	MINAMI, T., YAMAZAKI, M., MIYATA, T., and SHIRAI, T.; Mn-Activated Y ₂ O ₃ -GeO ₂ Phosphors for Thin-Film Electroluminescent Devices; Japanese Journal of Applied Physics; 2001; pp. L864-L866; Vol. 40; The Japan Society of Applied Physics.	
a	O28	CHASE, E.W., HEPPELWHITE, R.T., KRUPKA, D.C., and KAHNG, D.; Electroluminescence of ZnS Lumocen Devices Containing Rare-Earth and Transition-Metal Fluorides; Journal of Applied Physics; 05/1969; pp. 2512-2519; Vol. 40, No. 6.	
a	O29	PEDERSON, L.R., CHOU, Y-S., COFFEY, G.W., HARDY, J.S., KERSTETTER, K.J., et al.; Solid Oxide Electrolyte Systems; Accessed online 4/22/2003.	

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<i>a</i>	O30	HWANG, H.J., TOWATA, A., and AWANO, M.; Fabrication of Lanthanum Manganese Oxide Thin Films on Yttria-Stabilized Zirconia Substrates by a Chemically Modified Alkoxide Method; Journal of the American Ceramic Society; 2001; pp. 2323-2327; Vol. 84.	
<i>a</i>	O31	LEONTIOU, A.A., LADAVOS, A.K., and POMONIS, P.J.; Catalytic NO reduction with CO on $La_{1-x}Sr_x(Fe^{3+}/Fe^{4+})O_{3-\delta}$ perovskite-type mixed oxides ($x=0.00, 0.15, 0.30, 0.40, 0.60, 0.70, 0.80, \text{ and } 0.90$); Applied Catalysis; 2003; pp. 133-141; Vol. 241; Elsevier Science B.V.	
<i>a</i>	O32	PETRIK, N.G., ALEXANDROV, A.B., and VALL, A.I.; Interfacial Energy Transfer during Gamma Radiolysis of Water on the Surface of ZrO_2 and Some Other Oxides; J. Phys. Chem. B; 2001; pp. 5935-5944; Vol. 105; American Chemical Society.	

Examiner Signature	<i>Amelia C...</i>	Date Considered	14 February 2006
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